

# Entomology Abstracts

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Annual Subject, Author and Taxonomic

## INDEXES

to Volume 7 1976

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to Volume 7 1976

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# Preface

From 1976, IRL has adopted a new system for preparation of annual subject indexes. The new system is based on the use of key word listings derived from the previous free-term indexes.

For each abstract, the indexer selects terms from a list of key words, which is continually updated. This list contains terms which will appear as entry points in the index, and subsidiary descriptor terms e.g. Nearctic Region new Brazil Formicidae. From the terms selected, several chains of key words are derived, their word order being determined by the indexer. The terms are separated by the following punctuation :

- 1. comma — used to separate terms as in a normal sentence
- 2. hyphen — used to indicate a relationship between terms
- 3. oblique — used to indicate an alternative
- 4. plus sign — used to indicate a combination
- 5. cross — used as a hybrid sign

The chains thus generated are sorted by computer. Throughout the index, cross-references are included. These are of two main types :

- 1. directing the user from one synonym to another e.g. apolysis see moulting
- 2. guiding the user from the general to the more specific e.g. Hormones see also Juvenile Hormone

## Worked example

Abstract title: Pesticide resistance in glasshouse whitefly (*Trialeurodes vaporariorum* West.) (Hom., Aleyrodidae)

Terms: populations, resistance, insecticides, malathion, Britain, England, *Trialeurodes vaporariorum*

Chains:

Entry term	Subsidiary descriptor
Populations	insecticides — resistance, <i>Trialeurodes vaporariorum</i> , England
Insecticides	resistance, <i>Trialeurodes vaporariorum</i> — populations, England
Malathion	resistance, <i>Trialeurodes vaporariorum</i> — populations, England
Britain	insecticides — resistance, <i>Trialeurodes vaporariorum</i> — populations, England



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	4641	4678	4720		2887	2912	2924	2934	2935
	4838	4956	5005		3265	3294	3312	3338	3373
	5146	5194	5380		3448	3481	3495	3506	3590
	5474	5479	5558		3893	3910	3914	3981	3985
	5779	6040	6042		4130	4182	4238	4498	4566
	6166	6169	6198		4644	4753	4755	4757	4768
	6390	6512	6513		4827	4831	4833	4839	4847
	6778	6792	6808		4987	5064	5128	5180	5271
	6875	6878	6891		5498	5652	5653	5660	5700
	7039	7052	7060		5767	6034	6035	6038	6048
	7246	7279	7296		6287	6288	6312	6380	6392
	7754	7755	7804		6737	6814	6853	6861	6925
	7900	7974	7979		6937	6955	6957	6971	6988
	8071	8114	8129		7036	7054	7078	7135	7136
					7242	7244	7286	7317	7321
Acridinae	6513	7227	7453		7350	7447	7498	7536	7845
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Acridomorpha	671				8013	8016	8044	8050	8067
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4181	4570	4608	4773	4884	4987	5045		5527	8330							
5060	5068	5071	5080	5121	5127	5143	Anypaenidae	3485								
5151	5180	5488	5493	6038	6195	6212	Anystidae	3433								
6223	6288	6312	6570	6623	6696	6845	Anystis	3433								
6916	6937	6971	7032	7062	7135	7242	Anystoidea	2416								
7313	7317	7328	7332	7339	7340	7343	Aochletus	4427								
7350	7396	7451	7929	7996	8013	8050	Aonidiella	1464	1630	2693	3439	7939				
8080	8213	8218	8267	8274	8324	8356	Aotus	3254								
Anoplius	104						Apacheiulus	4489								
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Anoplognathus	3450	4569					Apamea	529	1911	5778						
Anoplolepis	2278	2280	4983				Apanteles	653	654	1017	1018	1463	1526	1530		
Anoplophora	6739						1893	2307	2812	2871	3092	3537	3755			
Anoplura	25	1042	1511	1564	1565	1570	3846	4075	4076	4107	4205	4448	4502			
2747	3396	3500	3502	3505	4909	5213	4901	5460	5573	5595	5847	5986	6161			
5609	6314	6395	6946	7310			6303	6429	6439	6973	7278	7709				
Anopsobiella	117						Apatania	2800	7573							
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Anotylus	1851	2985					Apatura	1194	4060	4368	7740					
Anteriscus	6600						Apeltarius	5933								
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Antheraea	184	1334	1370	2028	2050	2529	Aphalara	5302								
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6822	8332						Aphanomycopsis	1430								
Anthia	2600						Aphantopus	3838								
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Anthicus	2972	6546					Aphelandra	1062	5733							
Anthidium	4089						Aphelinidae	797	945	1019	1464	1685	2448	3439		
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5003	5469	5625	5674	6330	7057	7797	Aphelochirus	635								
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Anthocoris	1188	4169	7057	8198			Aphididae	132	134	185	206	334	364	380	438	447
Anthomegilla	7712						448	656	684	689	700	748	805	882	891	
Anthomyia	1862						950	972	983	986	1014	1030	1070	1078		
Anthomyiidae	53	415	892	1501	1862	2749	1083	1108	1158	1314	1418	1503	1574			
3342	3362	3409	3976	4114	4139	4150	1579	1599	1701	1901	2072	2116	2149			
4201	4799	4927	4932	4937	5009	5035	2157	2173	2216	2229	2231	2234	2236			
5081	5087	5096	5521	5711	5726	5816	2243	2244	2305	2485	2665	2719	2753			
6419	7097	7202	7253	7274	7761	7862	2763	2764	2768	2771	2772	2773	2775			
8216	8238	8253					2802	2805	2866	2868	2869	2879	3005			
Anthomyza	7665						3091	3247	3272	3345	3387	3398	3401			
Anthomyzidae	7665						3420	3424	3426	3427	3435	3471	3521			
Anthonomus	308	593	885	1033	1330	1488	3529	3863	3894	3990	4009	4015	4063			
1585	1682	1697	1707	1943	2046	2285	4087	4093	4094	4095	4096	4169	4196			
2474	2475	2508	2666	2712	2870	2923	4200	4202	4216	4223	4440	4441	4543			
3372	3430	3431	3437	3544	3545	3607	4544	4605	4713	4766	4778	4809	4919			
3913	3947	4210	4698	4699	4712	4807	4923	4935	4944	4953	4959	4963	4968			
4837	5040	5363	5407	5454	5562	5629	5012	5018	5040	5091	5108	5182	5221			
5762	6030	6243	6286	6360	6859	6969	5286	5292	5293	5406	5428	5557	5566			
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Anthophilina	7665						5731	6199	6283	6289	6295	6297	6319			
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	6909 7423 8001		943 993 1367 1388 1467 1965 2001 2006
Bee virus X	5509		2010 2033 2571 2580 2593 2640 3079
Bee X virus	842		3128 3153 3178 3194 3873 3918 3936
Beet yellows virus	7168		3937 4047 4389 4552 4587 4592 4751
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Beridops	5278		2669 2698 2942 3128 3153 3197 3201
Beris	1155 7544		3213 3522 3979 4496 4592 4611 4668
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1494	2006	2008	2009	2047	2065	2066
2071	2521	2534	2535	2536	2554	2571
2573	2634	3093	3108	3117	3120	3125
3127	3153	3155	3162	3188	3197	3261
3334	3508	3870	3919	4047	4067	4560
4563	4564	4576	4592	4602	4604	4627
4637	4647	4665	4686	4771	4789	5382
5386	5395	5398	5403	5436	5450	5517
5530	6070	6084	6098	6128	6144	6152
6181	6187	6736	6746	6762	6766	6768
6769	6771	6773	6777	6790	6803	6824
6831	6870	7016	7079	7295	7840	7847
7894	7936	7951	8320	8337		
Plattisocius	2781					
Plattivorus	7572					
Blattodea	26	153	157	224	235	248
780	788	796	815	818	853	941
1038	1058	1337	1384	1394	1458	1465
1466	1467	1494	1638	1965	2001	2006
2008	2009	2010	2033	2047	2065	2066
2071	2124	2418	2521	2534	2535	2536
2554	2571	2573	2580	2593	2611	2634
2640	2669	2698	2843	2942	3079	3093
3108	3114	3117	3120	3125	3127	3128
3153	3155	3162	3178	3188	3194	3197
3201	3212	3261	3334	3368	3508	3522
3870	3873	3918	3919	3936	3937	3979
4067	4389	4494	4496	4552	4560	4563
4564	4576	4587	4632	4604	4611	4627
4637	4647	4665	4668	4681	4688	4751
4761	4771	4789	4794	4804	4822	4880
4900	5076	5142	5382	5386	5395	5398
5463	5431	5436	5450	5464	5517	5527
5530	6070	6081	6084	6089	6098	6128
6135	6144	6148	6152	6156	6173	6181
6186	6187	6236	6420	6421	6736	6746
6762	6766	6768	6769	6771	6773	6777
6790	6803	6808	6824	6831	6846	6870
7012	7016	7034	7066	7079	7295	7346
7840	7847	7855	7894	7936	7951	8015
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7149	7285	7524	7597	7861	8379	
Bombycidae	158	201	303	404	716	728
868	889	899	900	1122	1302	1390
1397	1444	1445	1450	1451	1507	1748
1991	1992	1997	2004	2027	2031	2075
2060	2078	2111	2128	2338	2573	2589
2595	2610	2648	2677	2683	3154	3174
3198	3229	3287	3290	3293	3375	3580
3967	4000	4241	4620	4630	4636	4655
Bombycidae (Contd)	4670	4671	4679	4791	4793	
4826	5393	5431	5443	5483	5505	5505
5536	5556	6153	6188	6191	6207	6208
6239	6239	6300	6487	6759	6822	6840
6876	7028	7038	7053	7663	7064	7446
7817	7884	7905	8039	8056	8078	8093
Bombyliidae	1520	1866	2989	4416	6059	7666
7668	8378	8390				
Bombylius	1866	2989	6059	7668		
Bombyx	158	201	303	484	716	830
889	899	900	1122	1302	1390	1396
1444	1445	1450	1451	1507	1748	1991
1992	1997	2004	2027	2031	2035	2060
2078	2111	2128	2338	2573	2589	2595
2610	2648	2677	2683	3154	3174	3198
3229	3287	3290	3293	3375	3580	3967
4000	4241	4620	4630	4636	4655	4670
4671	4679	4791	4793	4826	5393	5431
5443	5483	5505	5505	5536	5556	6153
6188	6191	6207	6208	6239	6300	6487
6759	6822	6840	6876	7028	7038	7053
7063	7064	7446	7817	7818	7884	7905
8039	8056	8078	8093			
Boophilus	250	357	731	929	1053	2220
3497	3512	3991	5427	6138	6220	6308
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Bos	357	429	957	996	1047	1048
1056	1178	1442	1568	1570	2220	2262
2839	2872	2873	3497	3512	3993	4120
4184	4588	4995	5028	5034	5056	6138
6192	6308	6393	6396	6408	7164	8283
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4198	5487	5689	6358	8288		
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	4801	4885	5036	5264	5265	5266	5267
	5373	5602	5653	5693	5954	6043	6857
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	5317	5318	5321	5512	5990	6655	6660
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3381	3435	3444	3459	3467	3485	3587	Chrysolampus	6665
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6029	6136	6222	6268	6377	6455	6458	537 540 542 592 683	782 886 1035 1103
6705	6834	7051	7311	7461	7464	7670	1157 1229 1320 1356	1421 1433 1469
7783	8146	8199	8201	8203	8236	8247	1509 1522 1535 1579	1610 1785 1834
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7464 8250 8252							5561 5619 5638 5796	5805 5826 5842
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4692	4713	4803	4877	4925	4942	4945	Platycnemis	1479	7098	
4946	4949	4951	4973	5014	5032	5044	Platycotis	2203		
5048	5086	5105	5439	5461	5622	5641	Platydicticus	673		
5643	5686	5688	5806	6292	6322	6352	Platydemia	7603	7662	
6355	6356	6362	6551	6626	6669	7096	Platydipteron	1871		
7108	7119	7181	7186	7192	7205	7362	Platygastridae	3767	4195	6301
7367	7373	7376	7429	7580	8137	8173	Platyalecanium	87		
8175	8223	8296	8314				Platynota	353	1415	
Pinacodera	1530						Platynothrus	7438	7440	
Pineus	5806						Platypalpus	5958	8203	8204
Pinnularia	7105						Platypatrobis	8409		
Pinus	13	87	103	213	373	379	Platypozidae	6619		
	501	555	795	960	980	1577	Platyphytopus	7362		
	2175	2200	2211	2223	2233	2239	Platypleura	1270		
	2289	2378	2947	2986	3037	3353	Platypodidae	1221	1521	1813
	3446	3483	3484	4085	4101	4108		6593	7376	8169
	4372	4393	4440	4692	4803	4877	Platypus	3864	6540	6593
	4946	4949	4973	5014	5032	5044	Platyrhacidae	6023		
	5461	5622	5643	5686	6292	6362	Platyrhinus	540		
	6669	7096	7108	7181	7192	7205	Platysalis	4870		
	7373	7376	7429	8107	8175	8314	Platysoma	1232		
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	8019	8252						3813	3973	4341
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	7187 7380 7389 7402 7409 7545 7795		2845 3004 3176 3332 3498 3501 3561
	8103 8185 8230 8248 8300		4044 4631 4645 4808 4894 5079 5129
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Salebria	5334								Scaphisma	503	7652	
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	3012	4039	4046	4940	5048	5577	5996		Scaphopsocus	7765		
	6112	6544	8100	8186	8224	8369			Scaphtypopus	1429	7198	
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	4593	7271	7583	7858						3450	3465	3526
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Sarcophaga	348	719	725	1497	1530	1875	1962		Scaurus	6617		
	2127	2267	2339	2498	2519	2524	2911		Sceirtes	7529		
	3160	3905	4721	5069	5450	5468	5544		Scelionidae	1000	1561	1903
	5600	6175	7128	7493	7908	7918	7965			3386	3561	3769
	8021	8066								6271	7112	7726
Sarcophagidae	53	348	351	474	719	725	1497	1530	Sceliphron	711	999	1008
	1874	1875	1962	2127	2267	2339	2496		Sceloporus	2417	7124	
	2498	2519	2524	2911	3160	3905	4426		Scenopinidae	66	67	
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	5276	5413	5450	5468	5544	5600	5960		Scenopinus	66		
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5444	5474	6040	6133	6166	6198	6200	Scoties	1276	
6235	6770	6771	6844	6927	7138	7825	Scopula	529 6543	
7998							Scopulariopsis	2819	
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7122	7860	8172						1966	2372 3116 3170 3179 3504 3704
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